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(NASA-TM-84884) DATA ANNOUNCEMENT BULLETIN:
SPACE SHUTTLE OSTA 1 PAYLOAD DATA (NASA)
2 p HC A02/MF A01 CSCL 12A

N83-15344

Unclass
G3/16 41572

NSSDC/WDC-A-R&S 82-25

DATA ANNOUNCEMENT BULLETIN

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

NATIONAL SPACE SCIENCE DATA CENTER/
WORLD DATA CENTER A FOR ROCKETS AND SATELLITES

Code 601

Goddard Space Flight Center • Greenbelt, Maryland 20771

SPACE SHUTTLE OSTA 1 PAYLOAD DATA

INTRODUCTION

The National Space Science Data Center (NSSDC) is acquiring data from the scientific payload, OSTA 1, carried on the second flight of the Space Shuttle (STS 2) in November 12-14, 1981. This *Data Announcement Bulletin* (DAB) is intended to inform interested parties of the data from the STS 2 mission now available through NSSDC.

SHUTTLE IMAGING RADAR - A (SIR-A)

Images of the earth's surface have been processed by the Jet Propulsion Laboratory (JPL) onto 5-inch film which is archived at NSSDC. The resolution of the images is slightly better than 40 m, and the scale is 1:500,000. The SIR-A imagery can be provided in the form of photographic prints, negatives, or positive transparencies. A "SIR-A Information Packet" with maps of SIR-A ground tracks and general ordering information has been prepared by NSSDC. In addition, a "SIR-A Users' Guide" is now being finalized by JPL.

OCEAN COLOR EXPERIMENT (OCE)

Two magnetic tapes of calibrated radiances have recently been received by NSSDC. The tapes contain excellent ocean scenes that were obtained in the following areas: the Yellow Sea/the Sea of Japan and the Pacific Ocean, the Gulf of Libya/Greece, the Portuguese Coast and the Mediterranean Sea, the Great Bahama Bank, the Spanish Coast to Italy, and the Strait of Gibraltar. The tapes include documentation files on timing, geographic location information on the data taking, and radiometric calibration constants.

SHUTTLE MULTISPECTRAL INFRARED RADIOMETER (SMIRR)

Data on five magnetic tapes have been supplied by JPL. The information contained in this DAB reflects the status of the current NSSDC holdings. It is noted that the processing of the data is still underway. Because SMIRR is not an imaging device, photographs must be used to locate the instrument readings geographically. Two 16-mm films, one color and one black and white, are expected in the near future. Requesters are advised to contact the Data Center for the data availability within 1-2 months.

ORDERING INFORMATION

When making inquiries about the data, please refer to the NSSDC IDs:

SIR-A Radar Imagery 81-111A-01A
OCE Calibrated Radiance Tapes 81-111A-05A
SMIRR Uncalibrated Radiometer Data 81-111A-02B

Researchers residing in the United States should direct inquiries to

National Space Science Data Center
Code 601.4
Goddard Space Flight Center
Greenbelt, Maryland 20771
Telephone: (301) 344-6695
FTS: 344-6695

Researchers who reside outside the United States should direct inquiries to

World Data Center A for Rockets and Satellites
Code 601
Goddard Space Flight Center
Greenbelt, Maryland 20771, U.S.A.
Telephone: (301) 344-6695
Telex: NASCOM GBLT 89675